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DOCUMENT-IDENTIFIER: [REDACTED]

TITLE: AUTHENTICATION SYSTEM USING IC CARD AND IC CARD

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INVENTOR-INFORMATION:

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ABSTRACT:

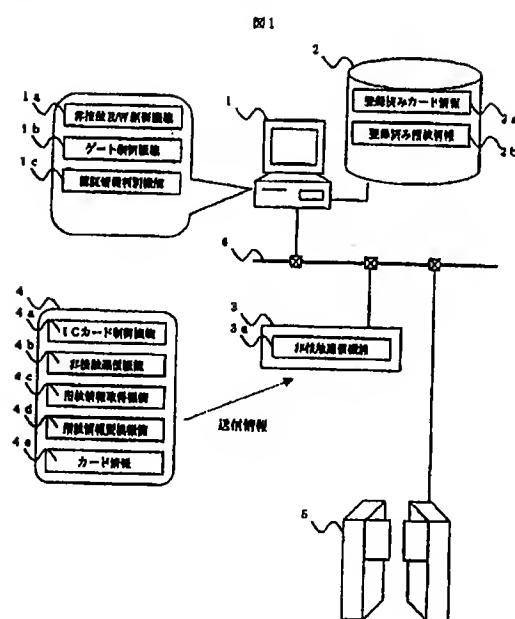
PROBLEM TO BE SOLVED: To authenticate also a true owner of an IC card when authenticating a specific system by the IC card.

SOLUTION: The [REDACTED] information of IC [REDACTED] each of non-contact type and the [REDACTED] information of a true owner of the IC [REDACTED] has been registered in a database 2 as [REDACTED] card information 2a and [REDACTED] fingerprint information 2b. When a user of the non-contact IC card 4 puts the IC card 4 on a non-contact reader/writer 3 and touches a fingerprint input means of the IC card 4 with a finger, the fingerprint information is read out by the IC card 4 and the fingerprint information and the card information 4e are read out together by a server 1 through the non-contact reader/writer 3. The server 1 confirms whether the [REDACTED] information 4e has been registered as the [REDACTED] information 2a or not to authenticate the IC [REDACTED] 4, and when the IC [REDACTED] 4 is authenticated, confirms whether the [REDACTED] information has been registered as the [REDACTED] information 2b or not to authenticate the [REDACTED] user.

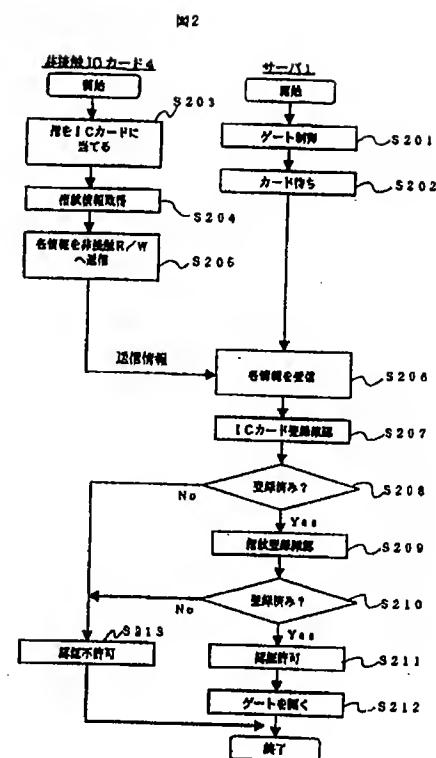
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5	ゲート
6	ネットワーク
7	POS端末
7 a	電子マネー処理機能
8	ICカード読み書き装置
8 a	指紋情報取得機能
8 b	指紋情報変換機能
8 c	ICカード通信機能
8 d	非接触通信機能
9	接触ICカード
9 a	ICカード制御機能
9 b	カード情報
9 c	接触通信機能

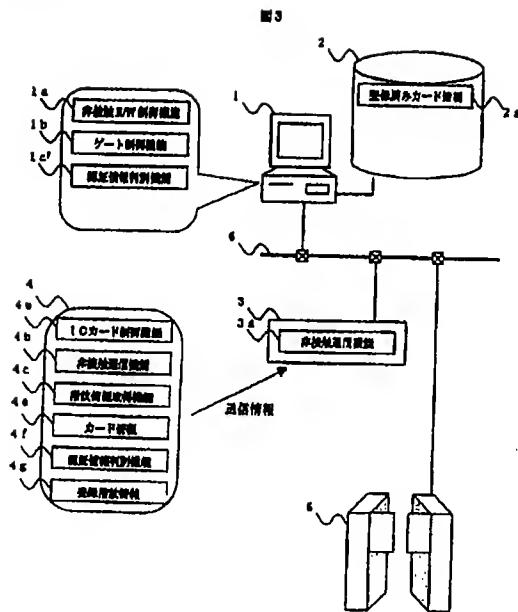
〔圖 1〕



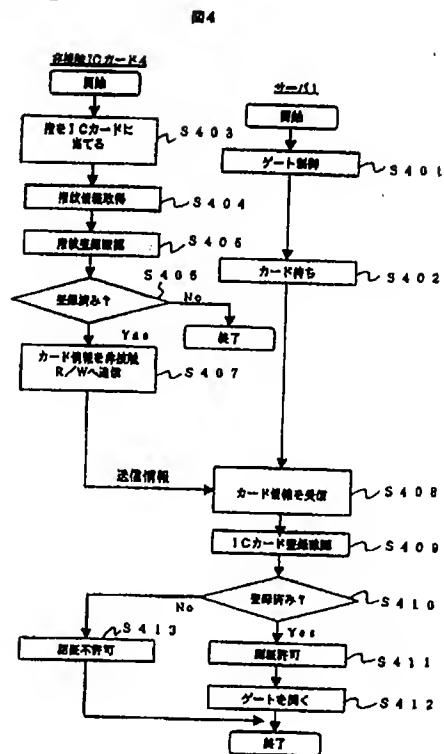
[图 2]



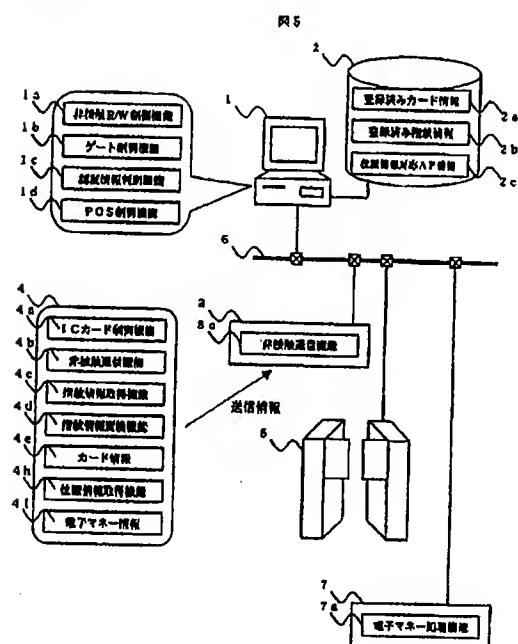
【図 3】



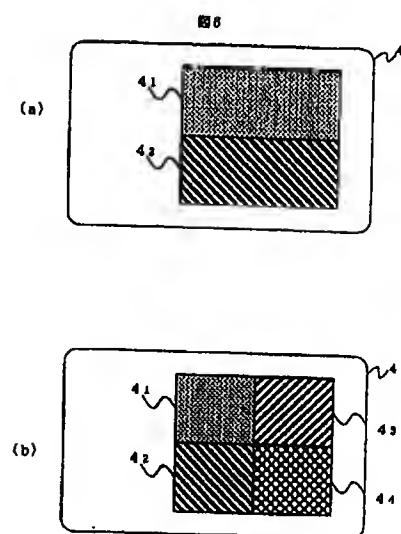
【図 4】



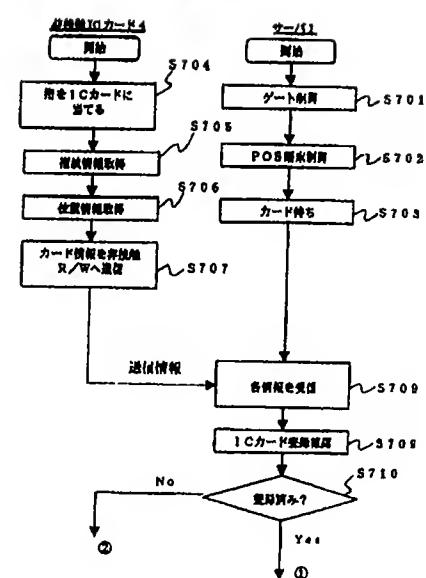
【図 5】



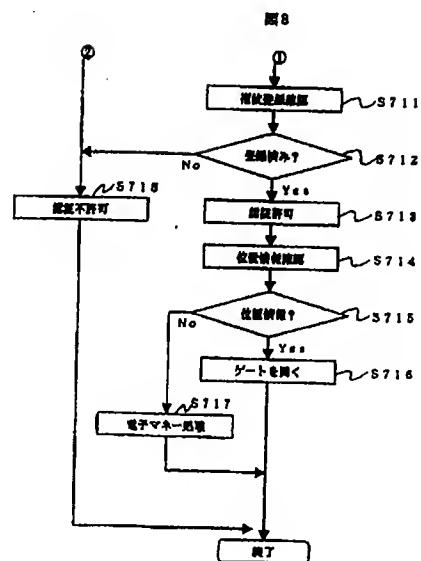
【図 6】



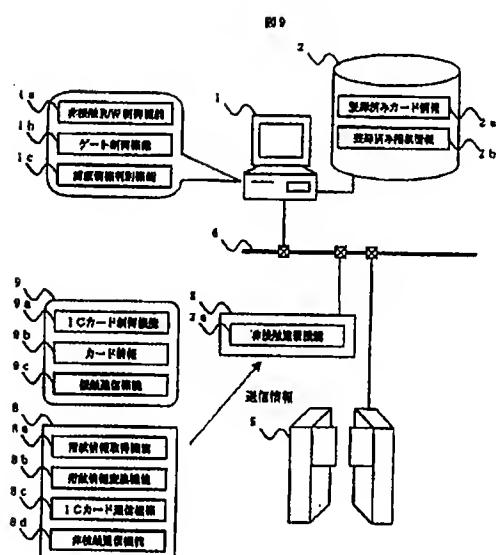
〔圖7〕



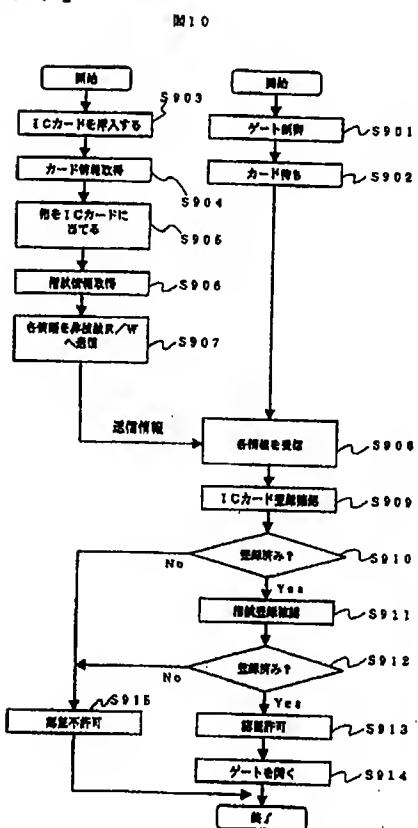
[図 8]



[ 9 ]



[图 10]



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